3 Cowley Street,
Westminster,
S.W.

Broadchalke
Salisbury
August. 15.1895.

My dear Sir.

I send you a cutting from the Westminster Cazette. It is a short account of the trials of petroleum-motor carriages, held last year in Paris. There have been further trials this year, which The Times has noticed.

I shall not forget to speak in my next book of your beautiful Museum, and it's contents,

It was a very great pleasure to me to see all that you so kindly showed me yesterday, and I shall always look back upon that visit with the greatest pleasure.

I think you will like the three models of extinct animals of which I spoke yesterday. I have taken great pains to endeavour to make them correct. Messrs Newmann and Co. will probably be able to supply you with a printed label to each giving a dese-cription. The Plesiosaurus model is unique, because made from the only skeleton of that animal that has ever been set up like that of a living animal; and so it shows for the first time, the true shape.

Again thanking you for your kindness, and hoping you will long be spared to carry on your good work for all classes.

Believe me Dear Sir. Yours sincerely

General Pitt-Rivers.

Henry N. Hutchinson

EXTINCT MONSTERS.

A POPULAR ACCOUNT OF SOME OF THE LARGER FORMS OF ANCIENT ANIMAL LIFE.

With Twenty-four Plates by J. SMIT, and numerous other Illustrations; and a Preface by DR. HENRY WOODWARD, F.R.S.

Third Thousand, Revised and Enlarged. Large crown 8vo, 12s.

LONDON: CHAPMAN & HALL, LD.

Opinions of the Press.

"A deeply interesting work."—Times.

- "If the popularity of extinct monsters has of late not been quite what it once was, it ought to be revived by Mr. Hutchinson's excellent book."—Guardian.
 - "This is undoubtedly the best book that Mr. Hutchinson has written."—Athenæum.
 - "A wonderfully interesting volume."-Review of Reviews.
- "Mr. Hutchinson is a skilful and trustworthy guide through 'the valley of dry bones.'"—Daily Chronicle.
- "His book, in short, is both attractive and useful, and will add to his reputation as a popular, but accurate, writer on geological subjects."—Saturday Review.
- "A piece of natural history that is far more amusing than most novels, and as full of instruction as a book of its size can well be."—National Observer.
 - "It is thoroughly readable."-The Field.
- " This work is an admirable account of some of the larger forms of ancient animal life."— $New\ York\ Nation.$
- "The work fully sustains his reputation as a popular writer on scientific subjects."—New York Times.
- "Not before it was needed the writer of this interesting volume has undertaken a popular and at the same time trustworthy account of the larger forms of ancient animal life."—New York Tribune.

CREATURES OF OTHER DAYS.

[RECENTLY PUBLISHED.

With Twenty-four Plates by J. SMIT, and numerous other Illustrations; and a Preface by Sir W. H. FLOWER, Director of the Natural History Museum.

Large crown 8vo, 14s.

- "Mr. Hutchinson, who is already well and favourably known as the author of 'Extinct Monsters,' has, in his new book, rendered a signal service to the cause of what is loosely called popular science.
 ... Mr. Hutchinson combines scientific knowledge with the gift of popular exposition."—Daily News.
- "Mr. Hutchinson knows how to invest palæontology with interest for the ordinary reader."-
 - "The style is clear and picturesque."-Manchester Guardian.
 - "A work of profound learning and also of irresistible fascination."-The World.

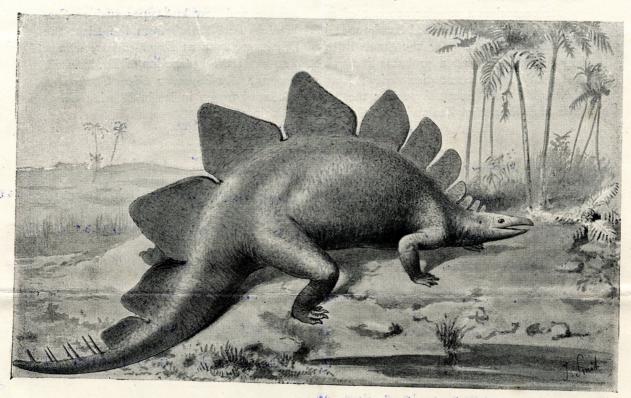
LECTURES

BI

REV. HENRY N. HUTCHINSON, B.A., F.G.S.,

AUTHOR OF

"The Autobiography of the Earth," "The Story of the Hills," "Extinct Monsters," and "Creatures of Other Days."

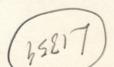


A GIGANTIC ARMOURED DINOSAUR, STEGOSAURUS UNGULATUS.

Length about 30 feet.

TWO LECTURES, ENTITLED, "EXTINCT MONSTERS," AND "CREATURES OF OTHER DAYS."

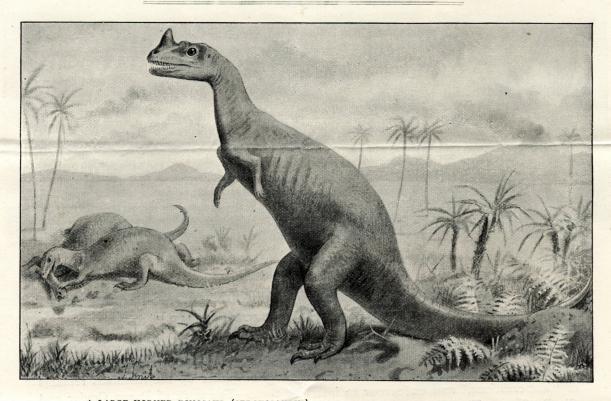
THE object of these Lectures is to give, in a simple and popular form, some account of the larger and more monstrous forms of animal life that trod this earth long ages before man appeared on the scene. Geologists gather up the fossilized remains of "lost creations," and endeavour to interpret them—The work of Baron Cuvier and Sir R. Owen—The Tree of Life—Extinct Types are its Dead Branches—How to restore these from their Bones—The Law of Progress. Each of these Lectures is illustrated by some fifty or sixty slides, by Messrs. Newton and Co., from Mr. Smit's original drawings, of which many are coloured. The coloured slides are beautifully drawn "restorations" of extinct animals, and the others show the skeletons on which the restorations are based. In this way the audience are conducted through a review of the progress of life on this planet from the earliest ages.



Mr. Hutchinson has given this Lecture at Eton College; Rugby; Marlborough; Uppingham; University College School; Brighton College; Sherborne School; London Institution; Dulwich Literary and Philosophical Society; Croydon Literary and Philosophical Society; Harrogate Church Institute; Sutton Literary and Philosophical Society; and to various other institutions.

It comprises a popular account of many strange and now lost types, such as Seascorpions from the Old Red Sandstone; the voracious Fish-lizards from the Lias; the long-necked Sea-lizards; the great order of Dinosaurs, such as Brontosaurus, with a length of 60 feet, and a probable live weight of 20 tons! the Iguanodon of Dr. Mantell, and many more recent discoveries; Flying Dragons; Sea-serpents; Giant Sloths and Armadillos from South America; the Mammoth found frozen in ice in Siberia; Giant Moa-birds from New Zealand; the Great Irish Elk; etc., etc.

(A Syllabus is supplied on application.)



A LARGE HORNED DINOSAUR (CERATOSAURUS) FROM NORTH AMERICA. JURASSIC PERIOD.

CREATURES OF OTHER DAYS.

Mr. HUTCHINSON is prepared to give this Lecture, which is based on his latest book, this winter. It will comprise accounts of many wonderful extinct forms of life, some of which have only recently been discovered. Beginning with a brief account of "Foot-

prints on the Sands of Time," it will pass on to Fishes of Bygone Days; Ancient Salamanders, such as the strange Labyrinthodon; Anomalous Reptiles, including the marvellous Pareiasaurus, brought from South Africa by Professor Seeley; a History of the Crocodile Family; some new Dinosaurs; the oldest known Bird from the Solenhofen stone of Bavaria; great Toothed Birds from America; a History of the Dodo; Tapirlike and Elephantine Monsters, such as the Dinotherium, etc.; an account of the Models by Mr. Waterhouse Hawkins, set up in the grounds of the Crystal Palace and at New York; the Story of the Evolution of the Horse, founded on the fortunate discovery of ancestral forms showing it to be descended from a little five-fingered Mammal; huge Marsupials from Australia; Ancient Whales; the great sabre-toothed Tiger, and other wonders from South America; the Urus of Cæsar.

TESTIMONIALS.

The REV. DR. EDMOND WARRE, Head Master of Eton, writes-

"Mr. Hutchinson's Lecture on 'Extinct Monsters' was listened to with great interest by a large audience of boys, and for some time afterwards gave rise to many questions put by inquiring minds. This, perhaps, is the best testimony to the effectiveness of the Lecture."

From REV. DR. J. PERCIVAL, Head Master of Rugby.

"Dr. Percival has much pleasure in testifying that the Rev. Henry N. Hutchinson gave a beautifully illustrated lecture on 'Extinct Monsters' to the boys of Rugby School, and that it was very much enjoyed and appreciated."

From the REV. E. C. SELWYN, M.A., Head Master of Uppingham.

"The Rev. Henry N. Hutchinson delivered a lecture in the School Room on Thursday last, which proved to have unusual attractions for the boys as well as for others of the audience. The subject was 'Extinct Monsters.' The treatment was admirable, and the illustrations and comic slides [Pre-historic Peeps from *Punch*] were alike first-rate. I hope Mr. Hutchinson may be able to pay us another visit."

December 3, 1894.

"The lecturer's explanations of the structure and probable habits of the long procession of bygone monsters which passed over the lantern screen were brief and to the point, and not unmingled with humour. . . . The exposition of the great dinosaurs was exceedingly good."—Report of lecture delivered before the London Institution, in the *Daily Chronicle*, November 23, 1894.

Communications to be addressed

The Lecture Agency Limited, 38, The Outer Temple, Strand,

London, W.C.

[PLEASE TURN OVER.

EXTINCT MONSTERS.

A POPULAR ACCOUNT OF SOME OF THE LARGER FORMS OF ANCIENT ANIMAL LIFE.

With Twenty-four Plates by J. SMIT, and numerous other Illustrations; and a Preface by DR. HENRY WOODWARD, F.R.S.

Third Thousand, Revised and Enlarged. Large crown 8vo, 12s.

LONDON: CHAPMAN & HALL, LD.

Opinions of the Press.

"A deeply interesting work."—Times.

- "If the popularity of extinct monsters has of late not been quite what it once was, it ought to be revived by Mr. Hutchinson's excellent book."—Guardian.
 - "This is undoubtedly the best book that Mr. Hutchinson has written."—Athenæum.
 - "A wonderfully interesting volume."-Review of Reviews.
- "Mr. Hutchinson is a skilful and trustworthy guide through 'the valley of dry bones.'"—Daily Chronicle.
- "His book, in short, is both attractive and useful, and will add to his reputation as a popular, but accurate, writer on geological subjects."—Saturday Review.
- "A piece of natural history that is far more amusing than most novels, and as full of instruction as a book of its size can well be."—National Observer.
 - "It is thoroughly readable."-The Field.
- " This work is an admirable account of some of the larger forms of ancient animal life."— $New\ York\ Nation.$
- "The work fully sustains his reputation as a popular writer on scientific subjects."—New York Times.
- "Not before it was needed the writer of this interesting volume has undertaken a popular and at the same time trustworthy account of the larger forms of ancient animal life."—New York Tribune.

CREATURES OF OTHER DAYS.

[RECENTLY PUBLISHED.

With Twenty-four Plates by J. SMIT, and numerous other Illustrations; and a Preface by Sir W. H. FLOWER, Director of the Natural History Museum.

Large crown 8vo, 14s.

- "Mr. Hutchinson, who is already well and favourably known as the author of 'Extinct Monsters,' has, in his new book, rendered a signal service to the cause of what is loosely called popular science.
 ... Mr. Hutchinson combines scientific knowledge with the gift of popular exposition."—Daily News.
- "Mr. Hutchinson knows how to invest palæontology with interest for the ordinary reader."-
 - "The style is clear and picturesque."-Manchester Guardian.
 - "A work of profound learning and also of irresistible fascination."-The World.

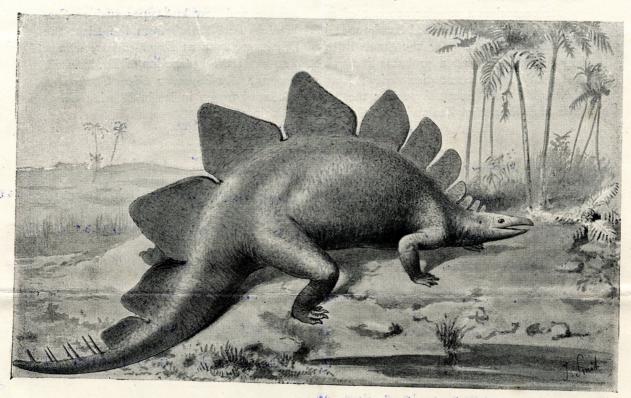
LECTURES

BI

REV. HENRY N. HUTCHINSON, B.A., F.G.S.,

AUTHOR OF

"The Autobiography of the Earth," "The Story of the Hills," "Extinct Monsters," and "Creatures of Other Days."

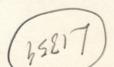


A GIGANTIC ARMOURED DINOSAUR, STEGOSAURUS UNGULATUS.

Length about 30 feet.

TWO LECTURES, ENTITLED, "EXTINCT MONSTERS," AND "CREATURES OF OTHER DAYS."

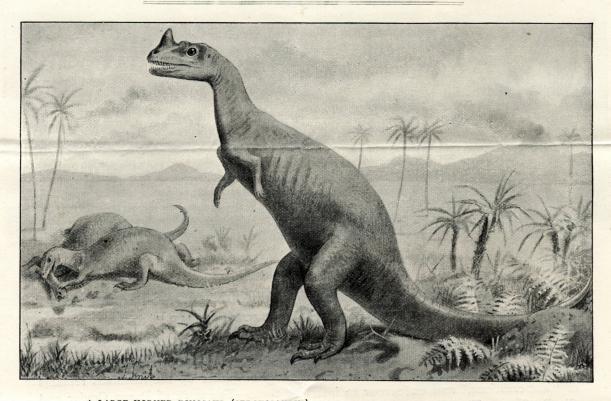
THE object of these Lectures is to give, in a simple and popular form, some account of the larger and more monstrous forms of animal life that trod this earth long ages before man appeared on the scene. Geologists gather up the fossilized remains of "lost creations," and endeavour to interpret them—The work of Baron Cuvier and Sir R. Owen—The Tree of Life—Extinct Types are its Dead Branches—How to restore these from their Bones—The Law of Progress. Each of these Lectures is illustrated by some fifty or sixty slides, by Messrs. Newton and Co., from Mr. Smit's original drawings, of which many are coloured. The coloured slides are beautifully drawn "restorations" of extinct animals, and the others show the skeletons on which the restorations are based. In this way the audience are conducted through a review of the progress of life on this planet from the earliest ages.



Mr. Hutchinson has given this Lecture at Eton College; Rugby; Marlborough; Uppingham; University College School; Brighton College; Sherborne School; London Institution; Dulwich Literary and Philosophical Society; Croydon Literary and Philosophical Society; Harrogate Church Institute; Sutton Literary and Philosophical Society; and to various other institutions.

It comprises a popular account of many strange and now lost types, such as Seascorpions from the Old Red Sandstone; the voracious Fish-lizards from the Lias; the long-necked Sea-lizards; the great order of Dinosaurs, such as Brontosaurus, with a length of 60 feet, and a probable live weight of 20 tons! the Iguanodon of Dr. Mantell, and many more recent discoveries; Flying Dragons; Sea-serpents; Giant Sloths and Armadillos from South America; the Mammoth found frozen in ice in Siberia; Giant Moa-birds from New Zealand; the Great Irish Elk; etc., etc.

(A Syllabus is supplied on application.)



A LARGE HORNED DINOSAUR (CERATOSAURUS) FROM NORTH AMERICA. JURASSIC PERIOD.

CREATURES OF OTHER DAYS.

Mr. HUTCHINSON is prepared to give this Lecture, which is based on his latest book, this winter. It will comprise accounts of many wonderful extinct forms of life, some of which have only recently been discovered. Beginning with a brief account of "Foot-

prints on the Sands of Time," it will pass on to Fishes of Bygone Days; Ancient Salamanders, such as the strange Labyrinthodon; Anomalous Reptiles, including the marvellous Pareiasaurus, brought from South Africa by Professor Seeley; a History of the Crocodile Family; some new Dinosaurs; the oldest known Bird from the Solenhofen stone of Bavaria; great Toothed Birds from America; a History of the Dodo; Tapirlike and Elephantine Monsters, such as the Dinotherium, etc.; an account of the Models by Mr. Waterhouse Hawkins, set up in the grounds of the Crystal Palace and at New York; the Story of the Evolution of the Horse, founded on the fortunate discovery of ancestral forms showing it to be descended from a little five-fingered Mammal; huge Marsupials from Australia; Ancient Whales; the great sabre-toothed Tiger, and other wonders from South America; the Urus of Cæsar.

TESTIMONIALS.

The REV. DR. EDMOND WARRE, Head Master of Eton, writes-

"Mr. Hutchinson's Lecture on 'Extinct Monsters' was listened to with great interest by a large audience of boys, and for some time afterwards gave rise to many questions put by inquiring minds. This, perhaps, is the best testimony to the effectiveness of the Lecture."

From REV. DR. J. PERCIVAL, Head Master of Rugby.

"Dr. Percival has much pleasure in testifying that the Rev. Henry N. Hutchinson gave a beautifully illustrated lecture on 'Extinct Monsters' to the boys of Rugby School, and that it was very much enjoyed and appreciated."

From the REV. E. C. SELWYN, M.A., Head Master of Uppingham.

"The Rev. Henry N. Hutchinson delivered a lecture in the School Room on Thursday last, which proved to have unusual attractions for the boys as well as for others of the audience. The subject was 'Extinct Monsters.' The treatment was admirable, and the illustrations and comic slides [Pre-historic Peeps from *Punch*] were alike first-rate. I hope Mr. Hutchinson may be able to pay us another visit."

December 3, 1894.

"The lecturer's explanations of the structure and probable habits of the long procession of bygone monsters which passed over the lantern screen were brief and to the point, and not unmingled with humour. . . . The exposition of the great dinosaurs was exceedingly good."—Report of lecture delivered before the London Institution, in the *Daily Chronicle*, November 23, 1894.

Communications to be addressed

The Lecture Agency Limited, 38, The Outer Temple, Strand,

London, W.C.

[PLEASE TURN OVER.



WORKS BY

REV. H. N. HUTCHINSON, B.A., F.G.S.

THE AUTOBIOGRAPHY OF THE EARTH.—Illustrated. Crown 8vo. 7s. 6d. London: Ed. Stanford, Cockspur Street, S.W.

- "Delightfully written and thoroughly accurate."—Science Gossip.
- "A valuable addition to popular scientific literature." Geological Magazine.

THE STORY OF THE HILLS.—Illustrated. Crown 8vo. 5s. London: SEELEY & Co., Essex Street, Strand.

"A charmingly written and beautifully illustrated account of the making of the mountains."—Yorkshire Post.

EXTINCT MONSTERS.—Illustrated. 8vo. 12s. London: Chapman & Hall, Limited, Henrietta Street, W.C.

- "A deeply interesting work."-Times.
- "This is undoubtedly the best book that Mr. Hutchinson has written."—Athenæum.
 - "It is thoroughly readable."-The Field.
- "Quite one of the most successful of recent undertakings in the field of popular science."—Morning Post.
 - "A wonderfully interesting volume."-Review of Reviews.
- "The work fully sustains his reputation as a popular writer on scientific subjects."—New York Times.
- CREATURES OF OTHER DAYS.—Illustrated. 8vo. 14s. London: Chapman & Hall, Limited, Henrietta Street, W.C.
- "Mr. Hutchinson knows how to invest Palæontology with interest for the ordinary reader."—Spectator.
 - "The style is clear and picturesque."—Manchester Guardian.
 - "A work of profound learning and irresistible fascination."—The World.
- "The book is a capital one as an inspirer of a love of a fascinating science among boys."—Pall Mall Gazette.









Syllabus of Lecture'

ON

Extinct Monsters,

BY

Rev. H. N. HUTCHINSON, B.A., F.G.S.,

AUTHOR OF



"The Autobiography of the Earth,"

"The Story of the Hills,"

"Extinct Monsters,"

"Creatures of Other Days."

Communications to be addressed—
The Lecture Agency, Limited,
The Outer Temple,
225, Strand, London, W.C.







Syllabus of Lecture on "Extinct Monsters." Newmann Figure of the best of the St. St. Newmann St. St. Newmann St. Newmann St.

Illustrated by about Fifty Lantern Slides, of which Twenty-Six are coloured.

ALSO MODELS OF EXTINCT ANIMALS.

INTRODUCTION.

The object of the Lecture is to give a simple and popular account of some of the larger and more monstrous forms of animal life that trod this earth long ages before man appeared on the scene—to clothe their dry fossilised bones with flesh, and to show them on the screen as they were when alive. The slides have been specially prepared by Messrs. Newton & Co., 3, Fleet Street, E.C., from drawings made by the artist for the Lecturer's book. The models have been specially made under Mr. Hutchinson's direction from mounted skeletons in the Natural History Museum, Cromwell Road, and are supplied by Messrs. Newmann & Co., Froebel House, Newman Street, Oxford Street, W.

SKETCH OF THE LECTURE.

We all know something about living animals; but in our admiration for the present we forget the past. Innumerable tribes of animals, great and small, have lived and died on this planet. Their bones have often been sealed up in the strata of former ages. The rocks around us are a great museum, full of rich treasures. Geologists gather up these remains of "lost creations," and endeavour to interpret them. The Tree of Life. Gradual appearance of higher forms. Age of the Earth. The Science of Palæontology is based on a knowledge of the structures of living animals. Baron Cuvier founded the Science of Comparative Anatomy. Story of Cuvier and his Pupil. Professor Owen and his Work.

Sea-Scorpions from the Old Red Sandstone. Hugh Miller and his work. Habits and relationship.

The Great Fish-Lizards.—Voracious reptiles of low type. Some of great size. Structure and habits.

Long-necked Sea-Lizards.—Swam on the surface of the sea. Curiously mixed relationship.

Dinosaurs.—An "Age of Dragons," the largest reptiles that ever lived. Monsters from the "Far West." Discoveries of Professor Marsh—his work and adventures. Brontosaurus, 60 feet long, and Atlantosaurus. English discoveries. Cetiosaurus. Carnivorous types, Megalosaurus 25 feet long. Footprints of Dinosaurs and Dr. Mantell's discovery of Iguanodon. Its habits, later results, &c. Recent American discoveries. Stegosaurus and Triceratops. The latter with a skull 8 feet long. Professor Huxley on Evolution. Birds and Dinosaurs.

Flying Dragons (Pterodactyls).—Long finger supporting a membrane for flying. Their sizes, habits, &c.

Sea Serpents.—Ancient reptiles from chalk strata, of great length.

Some were 70 feet long. History of the famous Mosasaurus.

Extinction of many orders of reptiles.

Some Great American Quadrupeds.—The Dinocerata. "Generalized types." Marsh's discoveries. Dinoceras, &c.

Some Indian Monsters from the Siwalik Hills. Swatherium and a huge Tortoise.

Giant Sloths and Armadillos from South America. Strange habits and enormous strength of Giant Sloth (Megatherium).

Mammoth.—Strange legends. Frozen Mammoths in Siberia. St. Petersburg specimen. Men of the period.

Woolly Rhinoceros. Giant Birds from New Zealand. Some were 12 feet high. The Great Irish Deer. Steller's "Sea Cow."

Sandstone. Hugh Miller and